



**Billing Code 4310–55**

**DEPARTMENT OF THE INTERIOR**

**Fish and Wildlife Service**

**[FWS–R8–ES–2013–N045]**

**[FXES11130800000–134–FF08E00000]**

**Endangered and Threatened Wildlife and Plants; Initiation of 5-Year Reviews of 56**

**Species in California and Nevada**

**AGENCY:** Fish and Wildlife Service, Interior.

**ACTION:** Notice of initiation of reviews; request for information.

**SUMMARY:** We, the U.S. Fish and Wildlife Service, are initiating 5-year status reviews under the Endangered Species Act of 1973, as amended (Act), of 18 animal species and 38 plant species. A 5-year status review is based on the best scientific and commercial data available at the time of the review; therefore, we are requesting submission of any such information that has become available since the last review for

the species. In this notice, we also announce 5-year reviews that were completed for 27 species in California and Nevada between March 1, 2012, and January 31, 2013.

**DATES:** To ensure consideration, we are requesting submission of new information no later than **[INSERT DATE 60 DAYS AFTER THE DATE OF PUBLICATION IN THE FEDERAL REGISTER]**. However, we will continue to accept new information about any listed species at any time.

**ADDRESSES:** For how to submit information, see **Request for Information** and “**How Do I Ask Questions or Provide Information?**” in the **SUPPLEMENTARY INFORMATION** section.

**FOR FURTHER INFORMATION CONTACT:** For information on a particular species, contact the appropriate person or office listed in the table in the **SUPPLEMENTARY INFORMATION** section.

## **SUPPLEMENTARY INFORMATION:**

### **Why Do We Conduct A 5-Year Review?**

Under the Act (16 U.S.C. 1531 *et seq.*), we maintain Lists of Endangered and Threatened Wildlife and Plants (which we collectively refer to as the List) in the Code of Federal Regulations (CFR) at 50 CFR 17.11 (for animals) and 17.12 (for plants). Section 4(c)(2)(A) of the Act requires us to review each listed species' status at least once every 5 years. Our regulations at 50 CFR 424.21 require that we publish a notice in the **Federal Register** announcing those species under active review. For additional information about 5-year reviews, go to <http://www.fws.gov/endangered/what-we-do/recovery-overview.html>, scroll down to "Learn More about 5-Year Reviews," and click on our factsheet.

### **What Information Do We Consider in Our Review?**

A 5-year review considers all new information available at the time of the review. In conducting these reviews, we consider the best scientific and commercial data that have become available since the listing determination or most recent status review, such as:

(A) Species biology, including but not limited to population trends, distribution, abundance, demographics, and genetics;

(B) Habitat conditions, including but not limited to amount, distribution, and suitability;

(C) Conservation measures that have been implemented that benefit the species;

(D) Threat status and trends in relation to the five listing factors (as defined in section 4(a)(1) of the Act); and

(E) Other new information, data, or corrections, including but not limited to taxonomic or nomenclatural changes, identification of erroneous information contained in the List, and improved analytical methods.

Any new information will be considered during the 5-year review and will also be useful in evaluating the ongoing recovery programs for the species.

## Which Species Are Under Review?

This notice announces our active review of the species listed in the table below.

ANIMALS						
Common Name	Scientific Name	Listing Status	Where listed	Final listing rule (Federal Register citation and publication date)	Contact Person, Phone, Email	Contact Person's U.S. Mail Address
Beetle, delta green ground	<i>Elaphrus viridis</i>	Threatened	U.S.A. (CA)	45 FR 52807; 08/08/1980	Josh Hull, Recovery Division Chief, 916-414-6600 (phone); <a href="mailto:fw1sfo5year@fws.gov">fw1sfo5year@fws.gov</a> (email)	U.S. Fish and Wildlife Service, Sacramento Fish and Wildlife Office, 2800 Cottage Way, Room W-2605, Sacramento, CA 95825
Butterfly, bay checkerspot	<i>Euphydryas editha bayensis</i>	Threatened	U.S.A. (CA)	49 FR 45160; 11/15/1984	Josh Hull (above)	
Butterfly, callippe silverspot	<i>Speyeria callippe callippe</i>	Endangered	U.S.A. (CA)	62 FR 64306; 12/05/1997	Josh Hull (above)	
Butterfly, Myrtle's silverspot	<i>Speyeria zerene myrtleae</i>	Endangered	U.S.A. (CA)	57 FR 27848; 06/22/1992	Josh Hull (above)	
Chub, Mohave tui	<i>Gila bicolor mohavensis</i> = <i>Siphateles bicolor mohavensis</i>	Endangered	U.S.A. (CA)	35 FR 16047; 10/13/1970	Mike McCrary, Listing and Recovery Coordinator – Wildlife, 805-644-1766 (phone); <a href="mailto:fw8vfwo5year@fws.gov">fw8vfwo5year@fws.gov</a> (email)	U.S. Fish and Wildlife Service, Ventura Fish and Wildlife Office, 2493 Portola Road, Suite B, Ventura, CA 93003
Chub, Owens tui	<i>Siphateles bicolor snyderi</i> = <i>Gila bicolor snyderi</i>	Endangered	U.S.A. (CA)	50 FR 31592; 09/05/1985	Mike McCrary (above)	

Crayfish, Shasta	<i>Pacifastacus fortis</i>	Endangered	U.S.A. (CA)	53 FR 38460; 09/30/1988	Josh Hull (above)	
Mountain beaver, Point Arena	<i>Aplodontia rufa nigra</i>	Endangered	U.S.A. (CA)	56 FR 64716; 12/12/ 1991	John Hunter, Fish and Wildlife Biologist, 707- 822-7201 (phone); <i>arcata@fws.gov</i> (email)	U.S. Fish and Wildlife Service, Arcata Fish and Wildlife Office, 1655 Heindon Road, Arcata, CA 95521
Pupfish, Owens	<i>Cyprinodon radians</i>	Endangered	U.S.A. (CA)	32 FR 4001; 03/11/1967	Mike McCrary (above)	
Rail, light-footed clapper	<i>Rallus longirostris levipes</i>	Endangered	U.S.A. (CA), Mexico (Baja California)	34 FR 5034; 03/08/1969	Bradd Baskerville- Bridges, 760) 431-9440 (phone); <i>fw8cfwocomments@fws. gov</i> (email)	U.S. Fish and Wildlife Service, Carlsbad Fish and Wildlife Office, 6010 Hidden Valley Road, Suite 101, Carlsbad, CA 92011
Salamander, desert slender	<i>Batrachoseps aridus</i>	Endangered	U.S.A. (CA)	38 FR 14678; 06/04/1973	Bradd Baskerville-Bridges (above)	
Salamander, Santa Cruz long-toed	<i>Ambystoma macrodictylum croceum</i>	Endangered	U.S.A. (CA)	32 FR 4001; 03/11/1967	Mike McCrary (above)	
Shrike, San Clemente loggerhead	<i>Lanius ludovicianus mearnsi</i>	Endangered	U.S.A. (CA)	42 FR 40682; 08/11/1977	Bradd Baskerville-Bridges (above)	
Sparrow, San Clemente sage	<i>Amphispiza belli clementeae</i>	Threatened	U.S.A. (CA)	42 FR 40682; 08/11/1977	Bradd Baskerville-Bridges (above)	
Springfish, Railroad Valley	<i>Crenichthys nevadae</i>	Threatened	Wherever found	51 FR 10857; 3/31/1987	Ted Koch, Field Supervisor, 775-861- 6300 (phone); <i>fw1nfwo_5yr@fws.gov</i> (email)	U.S. Fish and Wildlife Service, Nevada Fish and Wildlife Office, 1340 Financial Blvd., Suite 234, Reno, Nevada 89502
Stickleback, unarmored threespine	<i>Gasterosteus aculeatus williamsoni</i>	Endangered	U.S.A. (CA)	35 FR 16047; 10/13/1970	Mike McCrary (above)	

Trout, Lahontan cutthroat	<i>Oncorhynchus clarkii henshawi</i>	Threatened	Wherever found	40 FR 29863; 07/16/1975	Ted Koch (above)	
Vole, Amargosa	<i>Microtus californicus scirpensis</i>	Endangered	U.S.A. (CA)	49 FR 45160; 11/15/1984	Mike McCrary (above)	
PLANTS						
Scientific Name	Common Name	Listing Status	Where listed	Final listing rule (Federal Register citation and publication date)	Contact Person, Phone, Email	Contact Person's U.S. Mail Address
<i>Acanthomintha ilicifolia</i>	San Diego thornmint	Threatened	U.S.A. (CA), Mexico	63 FR 54938; 10/13/1998	Bradd Baskerville-Bridges (above)	
<i>Acanthoscyphus (Oxytheca) parishii</i> var. <i>goodmaniana</i>	Cushenbury oxytheca	Endangered	U.S.A. (CA)	59 FR 43562; 08/24/1994	Bradd Baskerville-Bridges (above)	
<i>Allium munzii</i>	Munz's onion	Endangered	U.S.A. (CA)	63 FR 54975; 10/13/1998	Bradd Baskerville-Bridges (above)	
<i>Amsinckia grandiflora</i>	Large-flowered fiddleneck	Endangered	U.S.A. (CA)	50 FR 19374; 05/08/1985	Josh Hull (above)	
<i>Astragalus albens</i>	Cushenbury milk-vetch	Endangered	U.S.A. (CA)	59 FR 43562; 08/24/1994	Bradd Baskerville-Bridges (above)	
<i>Astragalus brauntonii</i>	Braunton's milk-vetch	Endangered	U.S.A. (CA)	62 FR 4172; 12/01/1997	Connie Rutherford, Listing and Recovery Coordinator – Plants, 805-644-1766 (phone); <i>fw8vfwo5year@fws.gov</i> (email)	U.S. Fish and Wildlife Service, Ventura Fish and Wildlife Office, 2493 Portola Road, Suite B, Ventura, CA 93003
<i>Astragalus clarianus</i>	Clara Hunt's milk-vetch	Endangered	U.S.A. (CA)	62 FR 54791; 10/22/1997	Josh Hull (above)	
<i>Astragalus lentiginosus</i> var. <i>piscinensis</i>	Fish slough milk-vetch	Endangered	U.S.A. (CA)	63 FR 53596, 06/10/1998	Connie Rutherford (above)	

<i>Astragalus phoenix</i>	Ash Meadows milk-vetch	Threatened	Wherever found	50 FR 20777; 05/20/1985	Ted Koch (above)
<i>Astragalus tener</i> var. <i>titi</i>	Coastal dunes milk-vetch	Endangered	U.S.A. (CA)	63 FR 43100; 08/12/1998	Connie Rutherford (above)
<i>Camissonia benitensis</i>	San Benito evening-primrose	Endangered	U.S.A. (CA)	50 FR 5755; 02/12/1985	Connie Rutherford (above)
<i>Carex albida</i>	White sedge	Endangered	U.S.A. (CA)	62 FR 54791; 10/22/1997	Josh Hull (above)
<i>Centaurium namophilum</i>	Spring-loving centaury	Threatened	Wherever found	50 FR 20777; 0/20/1985	Ted Koch (above)
<i>Chamaesyce hooveri</i>	Hoover's spurge	Threatened	U.S.A. (CA)	62 FR 14338; 03/26/1997	Josh Hull (above)
<i>Chorizanthe pungens</i> var. <i>pungens</i>	Monterey spineflower	Threatened	U.S.A. (CA)	59 FR 5499; 04/02/1994	Connie Rutherford (above)
<i>Cirsium hydrophilum</i> var. <i>hydrophilum</i>	Suisun thistle	Endangered	U.S.A. (CA)	62 FR 61916; 11/20/1997	Josh Hull (above)
<i>Clarkia speciosa</i> var. <i>immaculata</i>	Pismo clarkia	Endangered	U.S.A. (CA)	59 FR 64613; 12/15/1994	Connie Rutherford (above)
<i>Clarkia springvillensis</i>	Springville clarkia	Threatened	U.S.A. (CA)	63 FR 49022; 09/14/1998	Josh Hull (above)
<i>Cordylanthus maritimus</i> subsp. <i>maritimus</i>	Salt marsh bird's beak	Endangered	U.S.A. (CA), Mexico (Baja California)	43 FR 44810; 09/29/1978	Bradd Baskerville-Bridges (above)
<i>Cordylanthus mollis</i> subsp. <i>mollis</i>	Soft bird's-beak	Endangered	U.S.A. (CA)	62 FR 61916; 11/20/1997	Josh Hull (above)
<i>Cordylanthus palmatus</i>	Palmate-bracted bird's-beak	Endangered	U.S.A. (CA)	51 FR 23765; 04/01/1986	Josh Hull (above)
<i>Deinandra (Hemizonia) conjugens</i>	Otay tarplant	Threatened	U.S.A. (CA), Mexico	63 FR 54938; 10/13/1998	Bradd Baskerville-Bridges (above)
<i>Dudleya abramsii</i> subsp. <i>parva</i>	Conejo dudleya	Endangered	U.S.A. (CA)	62 FR 4172; 01/29/1997	Connie Rutherford (above)

<i>Erigeron parishii</i>	Parish's daisy	Threatened	U.S.A. (CA)	59 FR 43562; 08/24/1994	Bradd Baskerville-Bridges (above)	
<i>Eriogonum ovalifolium</i> var. <i>vineum</i>	Cushenbury buckwheat	Endangered	U.S.A. (CA)	59 FR 43562; 08/24/1994	Bradd Baskerville-Bridges (above)	
<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i>	Steamboat buckwheat	Endangered	Wherever found	51 FR 24669; 07/08/1986	Ted Koch (above)	
<i>Eryngium constancei</i>	Loch Lomond coyote-thistle	Endangered	U.S.A. (CA)	51 FR 45904; 12/23/1986	Josh Hull (above)	
<i>Lilium occidentale</i>	Western lily	Endangered	U.S.A. (CA, OR)	59 FR 42171; 08/17/1994	Gary Falxa, Fish and Wildlife Biologist, 707-822-7201 (phone); <a href="mailto:arcata@fws.gov">arcata@fws.gov</a> (email)	U.S. Fish and Wildlife Service, Arcata Fish and Wildlife Office, 1655 Heindon Road, Arcata, CA 95521
<i>Lilium pardalinum</i> subsp. <i>pitkinense</i>	Pitkin Marsh lily	Endangered	U.S.A. (CA)	62 FR 54791; 10/22/1997	Josh Hull (above)	
<i>Navarretia fossalis</i>	Spreading navarretia	Threatened	U.S.A. (CA), Mexico (Baja California)	63 FR 54975; 10/13/ 998	Bradd Baskerville-Bridges (above)	
<i>Navarretia leucocephala</i> subsp. <i>plieantha</i>	Many-flowered navarretia	Endangered	U.S.A. (CA)	62 FR 33029; 06/18/1997	Josh Hull (above)	
<i>Orcuttia pilosa</i>	Hairy Orcutt grass	Endangered	U.S.A. (CA)	62 FR 14338; 03/26/1997	Josh Hull (above)	
<i>Parvisedum leiocarpum</i>	Lake County stonecrop	Endangered	U.S.A. (CA)	62 FR 33029; 06/18/1997	Josh Hull (above)	
<i>Physaria (Lesquerella) kingii</i> subsp. <i>bernardina</i>	San Bernardino Mountains bladderpod	Endangered	U.S.A. (CA)	59 FR 43562; 08/24/1994	Bradd Baskerville-Bridges (above)	
<i>Potentilla hickmanii</i>	Hickman's potentilla	Endangered	U.S.A. (CA)	63 FR 43100; 08/08/1998	Connie Rutherford (above)	

<i>Sidalcea oregana</i> subsp. <i>valida</i>	Kenwood Marsh checker-mallow	Endangered	U.S.A. (CA)	62 FR 54791; 10/22/1997	Josh Hull (above)
<i>Thysanocarpus</i> <i>conchuliferus</i>	Santa Cruz Island fringe pod	Endangered	U.S.A. (CA)	61 FR 40954; 07/31/1997	Connie Rutherford (above)
<i>Tuctoria mucronata</i>	Solano grass	Endangered	U.S.A. (CA)	43 FR 44810; 09/28/1978	Josh Hull (above)

## **Request for Information**

To ensure that a 5-year review is complete and based on the best available scientific and commercial information, we request new information from all sources. See **“What Information Do We Consider in Our Review?”** for specific criteria. If you submit information, please support it with documentation such as maps, bibliographic references, methods used to gather and analyze the data, and/or copies of any pertinent publications, reports, or letters by knowledgeable sources.

## **How Do I Ask Questions or Provide Information?**

If you wish to provide information for any species listed above, please submit your comments and materials to the appropriate contact in the table above. You may also direct questions to those contacts. Individuals who are hearing impaired or speech impaired may call the Federal Relay Service at 800–877–8339 for TTY assistance.

## **Public Availability of Submissions**

Before including your address, phone number, email address, or other personal identifying information in your comment, you should be aware that your entire comment—including your personal identifying information—may be made publicly available at any time. While you can ask us in your comment to withhold your personal identifying information from public review, we cannot guarantee that we will be able to do so.

Comments and materials received will be available for public inspection, by appointment, during normal business hours at the offices where the comments are submitted.

## Completed 5-Year Reviews

We also take this opportunity to inform the public of 5-year reviews that we completed between March 1, 2012, and January 31, 2013, for 27 species in California and Nevada. Reviews for these 27 species can be found at <http://www.fws.gov/endangered/species/index.html>.

Common Name	Scientific Name	Lead Fish and Wildlife Office	Contact
ANIMALS			
Butterfly, Behren's silverspot	<i>Speyeria zerene behrensii</i>	Arcata	Kathleen Brubaker, 707- 822-7201 (phone)
Dace, Clover Valley speckled	<i>Rhinichthys osculus oligoporus</i>	Nevada	Ted Koch, 775-861-6300 (phone)
Dace, desert	<i>Eremichthys acros</i>	Nevada	Ted Koch (above)
Fairy shrimp, Conservancy	<i>Branchinecta conservatio</i>	Sacramento	Josh Hull, 916-414-6600 (phone)
Fairy shrimp, longhorn	<i>Branchinecta longiantenna</i>	Sacramento	Josh Hull (above)
Frog, mountain yellow-legged	<i>Rana muscosa</i>	Carlsbad	Bradd Baskerville-Bridges, 760-431-9440 (phone)
Lizard, Island night	<i>Xantusia riversiana</i>	Carlsbad	Bradd Baskerville-Bridges (above)
Skipper, Carson wandering	<i>Pseudocopaodes eunus obscurus</i>	Nevada	Ted Koch (above)
Snake, giant garter	<i>Thamnophis gigas</i>	Sacramento	Josh Hull (above)
Springfish, Hiko White River	<i>Crenichthys baileyi grandis</i>	Nevada	Ted Koch (above)
Springfish, White River	<i>Crenichthys baileyi baileyi</i>	Nevada	Ted Koch (above)
Woodrat, riparian	<i>Neotoma fuscipes</i>	Sacramento	Josh Hull (above)

	<i>riparia</i>		
PLANTS			
<i>Arctostaphylos hookeri</i> var. <i>ravenii</i>	Presidio manzanita	Sacramento	Josh Hull (above)
<i>Brodiaea pallida</i>	Chinese Camp brodiaea	Sacramento	Josh Hull (above)
<i>Castilleja affinis</i> ssp. <i>neglecta</i>	Tiburon paintbrush	Sacramento	Josh Hull (above)
<i>Castilleja grisea</i>	San Clemente Island Indian paintbrush	Carlsbad	Bradd Baskerville-Bridges (above)
<i>Delphinium bakeri</i>	Baker's larkspur	Sacramento	Josh Hull (above)
<i>Dudleya traskiae</i>	Santa Barbara Island liveforever ( <i>dudleya</i> )	Sacramento	Josh Hull (above)
<i>Lessingia germanorum</i> var. <i>germanorum</i>	San Francisco lessingia	Sacramento	Josh Hull (above)
<i>Lotus dendroideus</i> var. <i>traskiae</i>	San Clemente Island broom ( <i>lotus</i> )	Carlsbad	Bradd Baskerville-Bridges (above)
<i>Malacothamnus clementinus</i>	San Clemente Island bush-mallow	Carlsbad	Bradd Baskerville-Bridges (above)
<i>Malacothamnus fasciculatus</i> var. <i>nesioticus</i>	Santa Cruz Island bush- mallow	Ventura	Connie Rutherford, 805- 644-1766 (phone)
<i>Sibara filifolia</i>	Santa Cruz Island rock- cress	Carlsbad	Bradd Baskerville-Bridges (above)
<i>Sidalcea keckii</i>	Keck's checkermallow	Sacramento	Josh Hull (above)
<i>Trifolium amoenum</i>	Showy Indian clover	Sacramento	Josh Hull (above)
<i>Verbena californica</i>	Red Hills vervain	Sacramento	Josh Hull (above)
<i>Monardella viminea</i>	Willowy monardella	Carlsbad	Bradd Baskerville-Bridges (above)

**Authority**

This document is published under the authority of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 *et seq.*).

**Dated: March 26, 2013.**\_\_\_\_\_

**Alexandra Pitts**

**Regional Director,**

**Pacific Southwest Region.**

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